

This Listing of Claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS

1 (currently amended): A thermosetting adhesive composition comprising a protein-based component and a polymeric quaternary amine cure accelerator, wherein said accelerator is present in said composition in an amount representing at least 55% of the combined weight of said accelerator and said protein-based component.

2 (original): The composition of claim 1, wherein said accelerator is the reaction product of a polyamidoamine and a halohydrin.

3 (original): The composition of claim 2, wherein said halohydrin is epichlorohydrin.

4 (original): The composition of claim 2, wherein said polyamidoamine is the reaction product of a polyamine and a polycarboxylic acid.

5 (original): The composition of claim 1, wherein said composition is in an aqueous solution.

6 (withdrawn): The composition of claim 2, wherein said polyamidoamine is chain-extended by reaction with a dialdehyde prior to reaction with epichlorohydrin.

7 (withdrawn): The composition of claim 6, wherein said dialdehyde is glyoxal.

8 (currently amended): The composition of claim 1, wherin said protein-based component comprises soy protein in an amount of at least 10% of the combined weight of said accelerant and said protein-based component.

9 (canceled)

10 (withdrawn): The composition of claim 1, further comprising a wax emulsion.

11 (currently amended): A method of making a thermosetting adhesive composition, said method comprising mixing a protein-based component with an aqueous solution of a polymeric quaternary amine cure accelerant, wherein said accelerant is present in said composition in an amount representing at least 55% of the combined weight of said accelerant and said protein-based component.

12 (withdrawn-currently amended): The method of claim 11, wherein said protein-based component comprises soy protein in powder form in an amount of at least 10% of the combined weight of said accelerant and said protein-based component.

13 (original): The method of claim 11, wherein said protein-based component comprises soy protein suspended in an aqueous solution.

14 (withdrawn): A thermosetting cellulosic composition comprising the thermosetting adhesive composition of claim 1 and a cellulosic material.

15 (withdrawn): The thermosetting cellulosic composition of claim 14, wherein said cellulosic material comprises a wood element selected from the group consisting of wood flakes, wood strands, wood fibers, wood particles, wood layers and

mixtures thereof.

16 (withdrawn): The thermosetting cellulosic composition of claim 14, wherein said cellulosic material further comprises a plant fiber.

17 (withdrawn): The thermosetting cellulosic composition of claim 14, wherein said cellulosic material is present in an amount from about 85% to about 98% by weight.

18 (withdrawn): A method of making a wood composite, the method comprising:

- (a) applying the composition of claim 1 to a cellulosic material to yield a thermosetting cellulosic composition, and
- (b) consolidating said thermosetting cellulosic composition to yield said wood composite.

19 (withdrawn): The method of claim 18, wherein said wood composite is particleboard or fiberboard.

20 (withdrawn): The method of claim 18, wherein said consolidating step (b) comprises forming a mat from said thermosetting cellulosic composition and pressing said mat at a temperature from about 170°C to about 190°C for a time from about 3 to about 10 minutes.

21 (new): The composition of claim 8, wherein said soy protein is in a modified form that is chemically or enzymatically hydrolyzed, acylated, oxidized, reduced, or denatured.